Local Evaluation Overview and Preliminary Findings

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Overview of Evaluation

Purpose of the evaluation:

- Document impact of project on teachers and students.
  - *Note: Evaluation is focused on the project and not individual teachers or students*

- Collect and report data about project activities so leaders can improve activities.

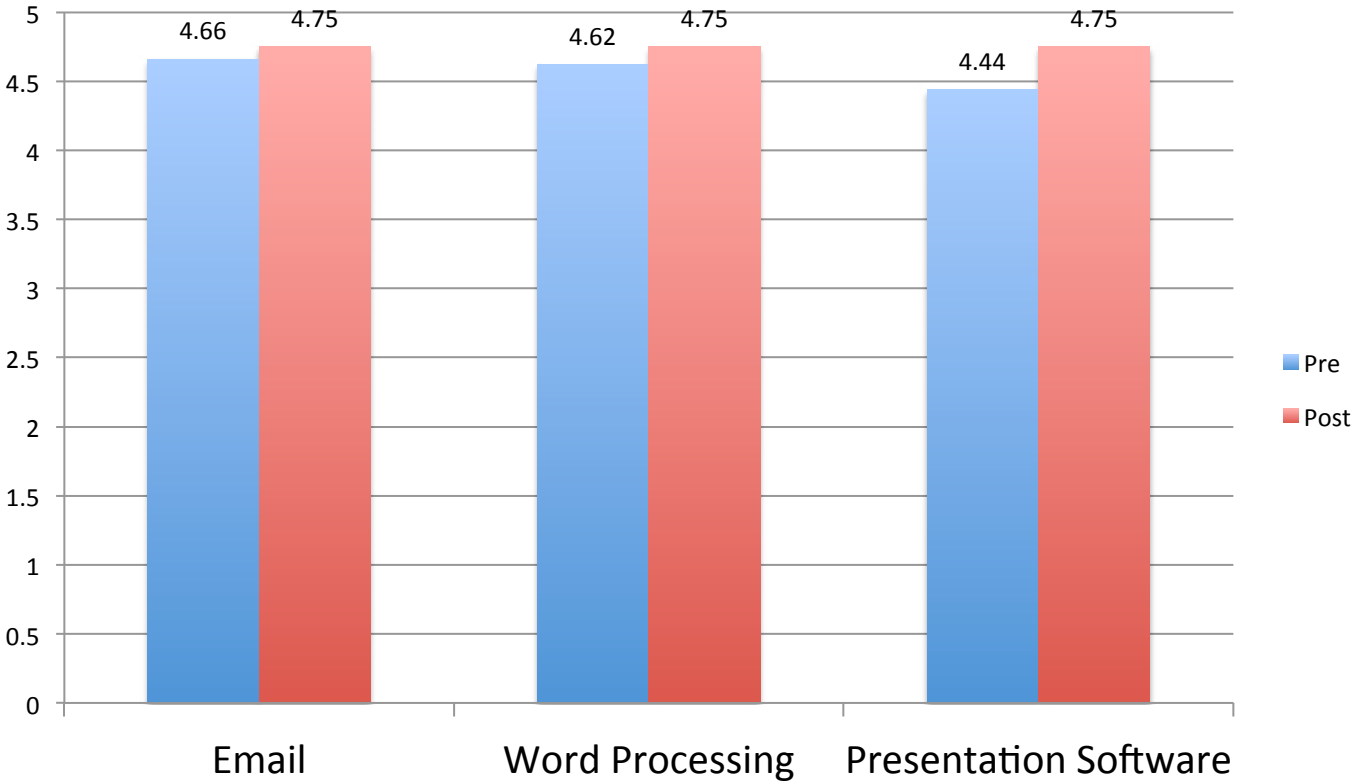
- Report findings to State Department of Elementary and Secondary Education, TRITEC and participating districts.

Evaluation Plan

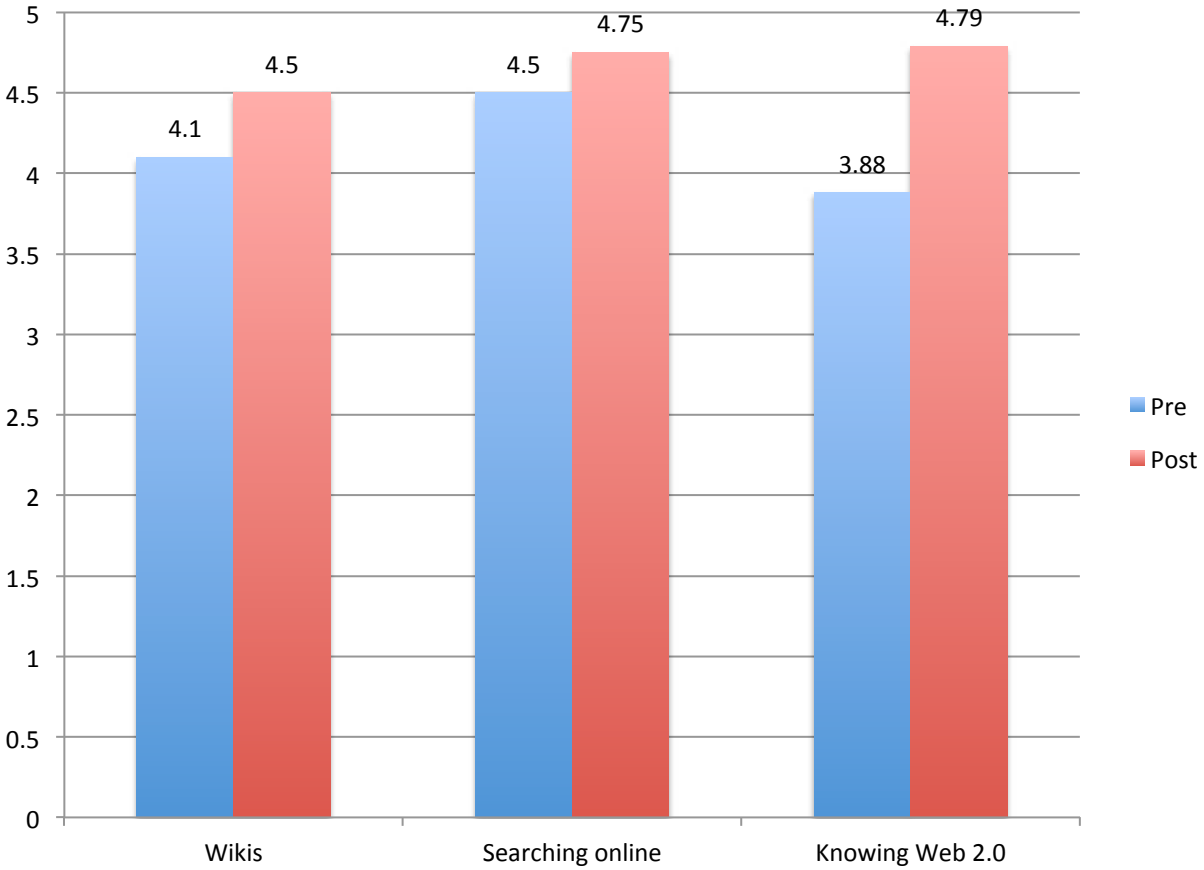
Methods:

- Participate in regular project-related meetings and events
- Survey participating and comparison teachers
- Assessments of teacher content knowledge and pedagogical approaches (pre and post)
- Observations of a sample of teachers' classrooms and of project activities
- Assessments of students in classrooms of participating and comparison students

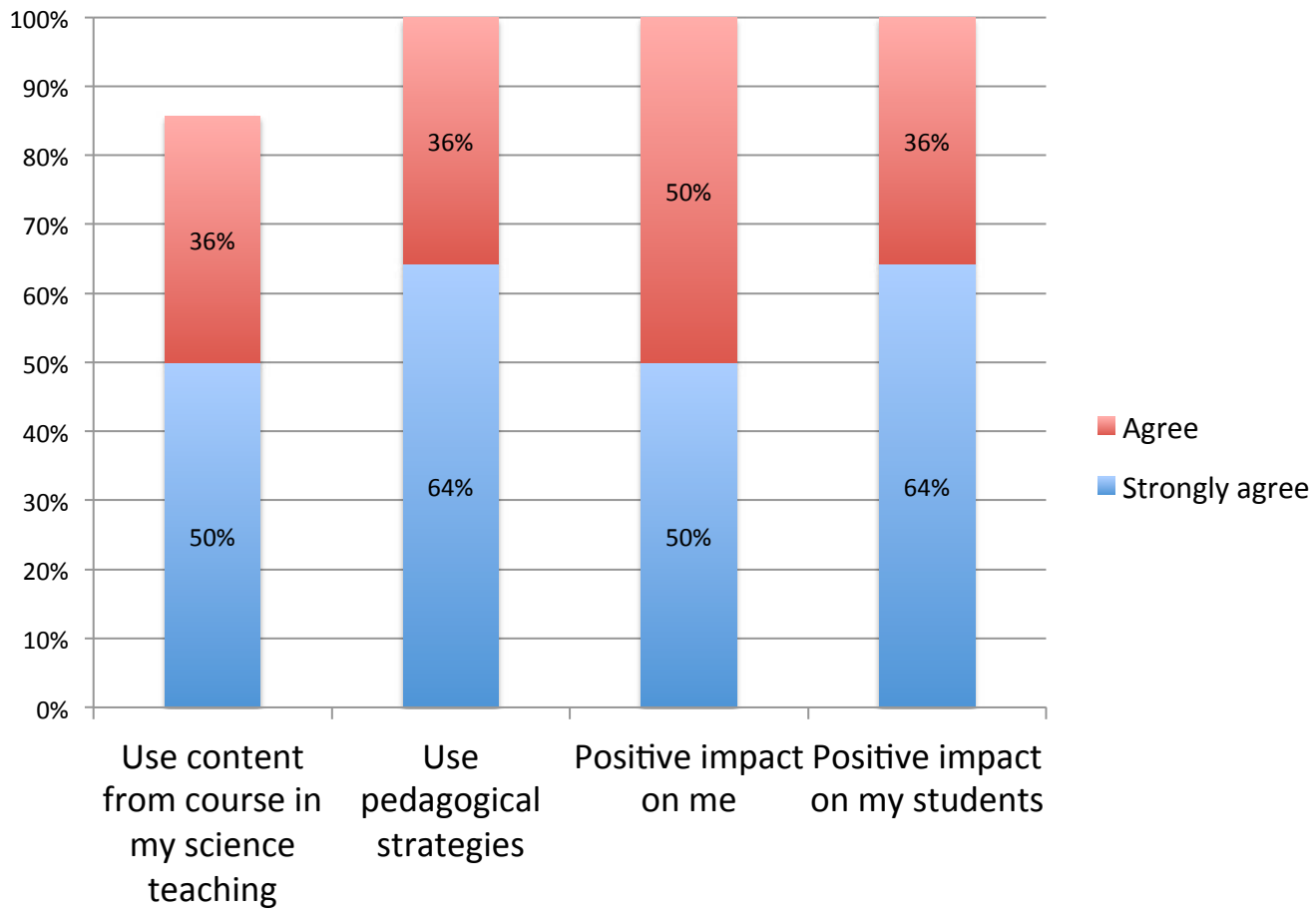
Technology Confidence Increased



Technology Confidence Increased



Positive Impact Reported



Examples of technology learned

[I learned] tools for collaboration between students: wikis, Google docs, voice thread.

I understand web 2.0 features better and how a wiki can be useful as an educational tool

[I learned] The difference between Web 1.0 and 2.0 "Cloud" computing Embedding a code The collaborative use of the wiki and social media The use of Prezi in place of powerpoint. The use of quizlet as a study tool Embedding video to enhance presentation The use of discussion forums for "threaded" discussions I also gained much knowledge and practice of many basic use and "tricks" of basic computer and media use from my peers in the class.

Examples of Content and Pedagogy Learned

Content:

How energy moved through systems of all kinds: mechanical systems, organisms, and climate systems like weather patterns.

The study and understanding of systems and efficiency of systems. Environmental and global of energy production and use. Monitoring of the carbon footprint. Conservation of energy Having focused on the more verbal and descriptive methods of the biological sciences, I appreciate how much the other sciences depend on higher order math skill mastery.

Pedagogy:

I learned to provide more student based and student directed learning in my curriculum. To implement student networking so they can communicate, collaborate and share information in a controlled online group.

The importance of allowing time and space for student inquiry and discovery.

Next Steps

- Observe sample of classrooms before end of October
- Collect pre and post assessment data
- Give Target gift cards to those of you who have helped with observations and sharing of student data
- Analyze data and submit reports to the Department of Elementary and Secondary Education
- Contact us if you are interested in helping us with an observation:
  - Diane Schilder @ dschilder@eval-inc.com
  - Meghan Broadstone @ mbroadstone@eval-inc.com
  - Or phone us at 617-816-2026